



May 17, 2018

Reference No. 003669-95

Mr. Michael Townsend  
United States Environmental Protection Agency (USEPA)  
Region IV  
Sam Nunn Atlanta Federal Center Address  
61 Forsyth Street SW  
Atlanta, Georgia  
30303-3104

Dear Mr. Townsend:

**Re: Quarterly Progress Report – January through March 2018  
Remedial Design/Remedial Action (RD/RA)  
Jadco-Hughes Superfund Site (Site)**

This letter presents the progress of RD/RA activities for January through March 2018 and describes upcoming work for April through June 2018. GHD prepared this report in accordance with the requirements of Section XIV of the USEPA Administrative Order for the RD/RA at the Site (Order), Docket No. 91C, dated June 19, 1991 and the July 7, 1997 letter from United States Environmental Protection Agency (USEPA) approving Quarterly Progress Reports on behalf of the Jadco-Hughes Potentially Responsible Party Group (PRP Group).

GHD completed the work for the PRP Group described in this report unless otherwise noted.

## **1. Progress Made During January through March 2018**

Routine operation and maintenance (O&M) continued at the Site.

Between January 29 and 31, 2018, SWS Environmental Services (SWS) replaced the PW5, PW6, and MH5 discharge piping inside the treatment building due to fouling issues. In March 2018, additional maintenance and repair needs were identified for the discharge piping beyond the discharge flow meter to MH13, the discharge pumps, and the MH5 flow meter. These items were subsequently addressed in April 2018. During these maintenance and repair activities, the groundwater collection system was operational, albeit at a reduced capacity, to capture and control the groundwater plume.

GHD completed the quarterly sampling of MW12D and surface water locations SS9 and SS14 in early April; the sampling activities were slightly delayed as a result of the above-referenced maintenance and repair activities. The analytical data will be reported in the next quarterly report.

## **2. Problems Resolved**

Between January 29 and 31, 2018, SWS replaced the PW5, PW6, and MH5 discharge piping inside the treatment building due to fouling issues. In March 2018, additional maintenance and repair needs were



identified for the discharge piping beyond the discharge flow meter to MH13, the discharge pumps, and the MH5 flow meter. These items were subsequently addressed in April 2018.

### **3. Problems Anticipated**

No problems are anticipated.

### **4. Upcoming Events**

The operation of the RA system continues at the Site. GHD will resolve the identified maintenance and repair items relating to the groundwater extraction and treatment system. GHD will measure groundwater elevations within three weeks of the RA system being fully operational to verify hydraulic containment along the Site's northern and eastern property boundary across all units.

### **5. Personnel Changes**

There were no personnel changes between January and March 2018.

### **6. Subcontractors**

During the period January through March 2018, GHD completed monthly and quarterly inspections, routine maintenance, and repairs to the groundwater extraction and treatment system. Subcontractors on Site during this period included SWS and Glenn Horne.

### **7. Analytical Data**

Due to the ongoing maintenance and repair activities, GHD completed the quarterly sampling of MW12D and surface water locations SS9 and SS14 in early April. The analytical data will be reported in the next quarterly report.

### **8. Schedule**

The following work is scheduled for the upcoming quarter:

- Monthly, quarterly, and semi-annual inspections.
- Cleaning and/or replacement of discharge piping beyond the discharge flow meter to MH13, replacement of the two discharge pumps, and replacement the MH5 flow meter inside the treatment building.



- Collection of quarterly groundwater sample from MW12D and surface water samples from locations SS9 and SS14 in April and June 2018.
- Measurement of groundwater elevations within three weeks of the system being fully operational to verify hydraulic containment along the Site's northern and eastern property boundary across all units.

The PRP Group will prepare and submit the next Quarterly Progress Report in August 2018.

If you have any questions, please do not hesitate to contact me.

Sincerely,

GHD

A handwritten signature in dark ink, appearing to read "Colleen Dietrich", is positioned below the typed name.

Colleen Dietrich

CD/ks/246

cc: Doug Rumford, NCDEQ  
Patricia Barmeyer, King & Spalding  
Amy Magee, King & Spalding  
Crystal McNeely, GHD

Jimmy Kirkland, Womble, Carlyle, Sandridge & Rice  
Jadco-Hughes PRP Group  
Stephen Quigley, GHD



April 20, 2015

Art Slayton  
Environmental Restoration, LLC  
6940 Commercial Drive  
Morrow, GA 30260

RE: Project: NB4-19  
Pace Project No.: 92242579

Dear Art Slayton:

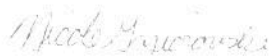
Enclosed are the analytical results for sample(s) received by the laboratory on March 25, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

This revision was issued on 4/16/15 to report methylene chloride and to remove chloromethane, per client request.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Nicole Gasiorowski  
nicole.gasiorowski@pacelabs.com  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
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## CERTIFICATIONS

Project: NB4-19  
Pace Project No.: 92242579

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### Charlotte Certification IDs

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078  
North Carolina Drinking Water Certification #: 37706  
North Carolina Field Services Certification #: 5342  
North Carolina Wastewater Certification #: 12  
South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627  
Kentucky UST Certification #: 84  
West Virginia Certification #: 357  
Virginia/VELAP Certification #: 460221

### Asheville Certification IDs

2225 Riverside Drive, Asheville, NC 28804  
Florida/NELAP Certification #: E87648  
Massachusetts Certification #: M-NC030  
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40  
South Carolina Certification #: 99030001  
West Virginia Certification #: 356  
Virginia/VELAP Certification #: 460222

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## SAMPLE SUMMARY

Project: NB4-19  
Pace Project No.: 92242579

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92242579001	MW-12	Water	03/24/15 11:20	03/25/15 09:00
92242579002	MW-11	Water	03/24/15 13:30	03/25/15 09:00
92242579003	MW-10	Water	03/24/15 15:55	03/25/15 09:00
92242579004	MW-18	Water	03/24/15 18:15	03/25/15 09:00

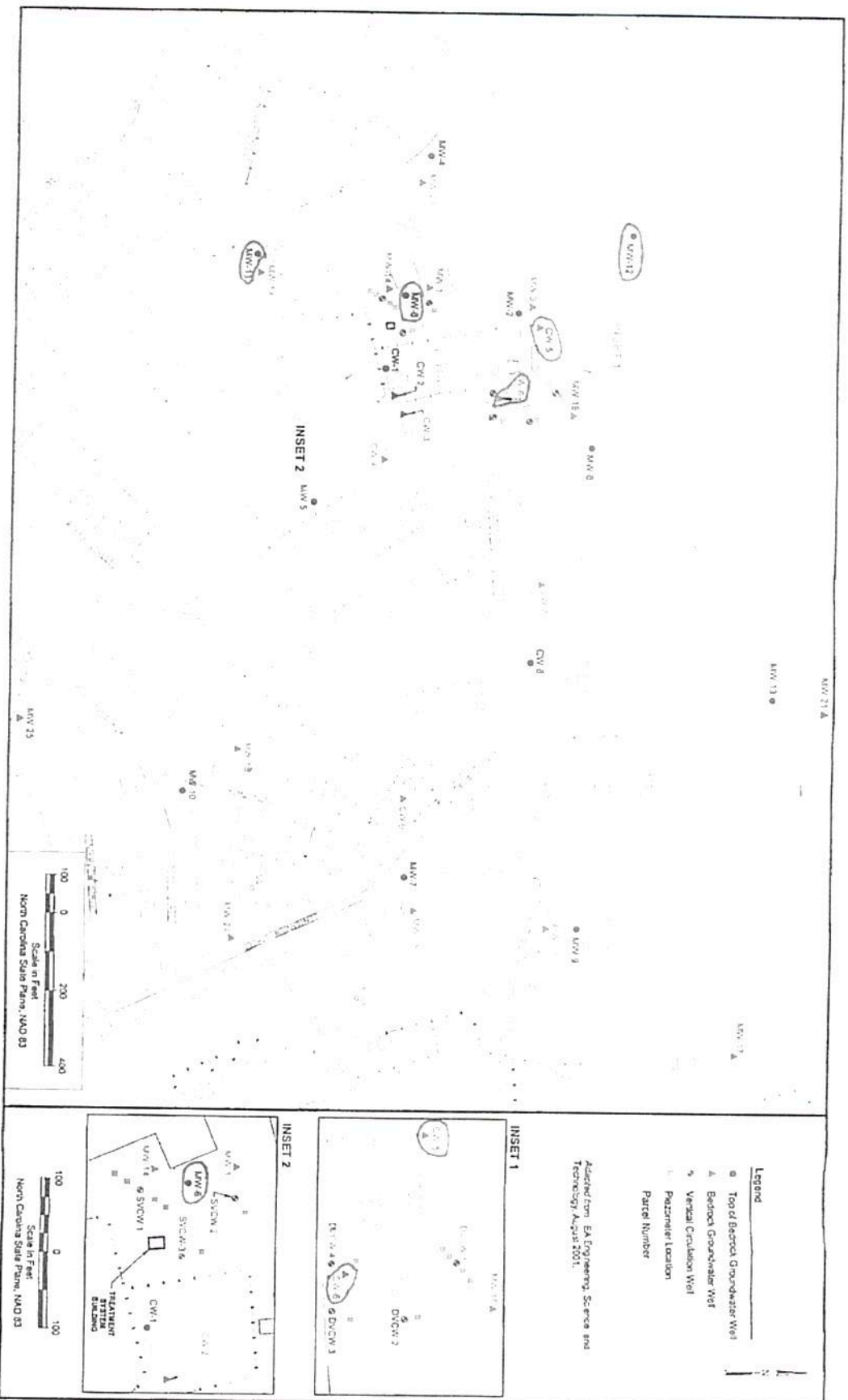
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PCE Excavated 12/1/10



CDM

Figure 1-3  
Site Groundwater Wells  
North Belmont PCE Site  
North Belmont, North Carolina  
1-10

○ Exceed level 15 g/L

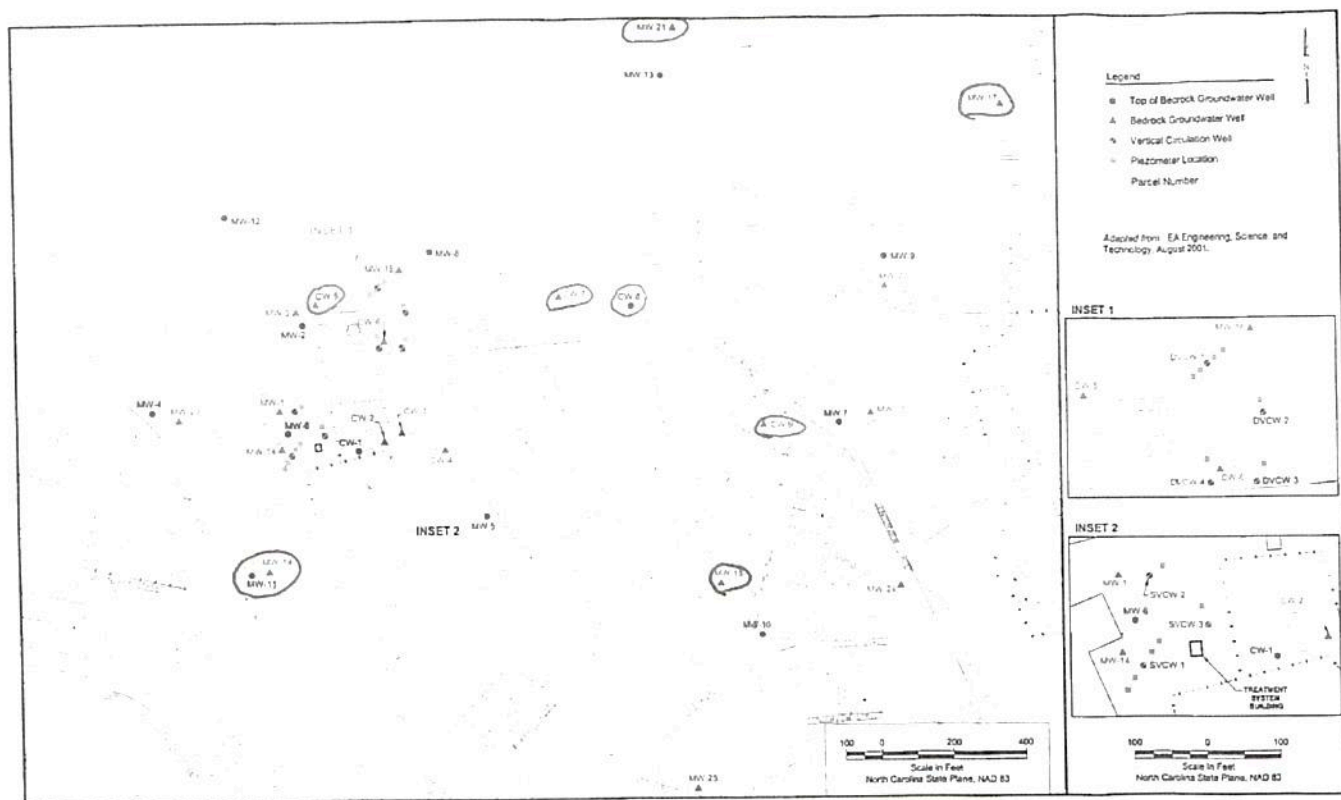


Figure 1-3  
Site Groundwater Wells  
North Belmont PCE Site  
North Belmont, North Carolina  
1-10